



Address:1406 14th Floor Block D Building 3
Phase I Tianan yungu Longgang district
ShenZhen China

Address:No.2nd Floor Building A Jingjiang
Industrial Park NO.101 Shangwei Road
Longhua District Shenzhen Guangdong China

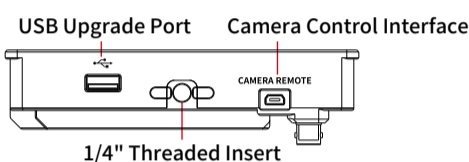
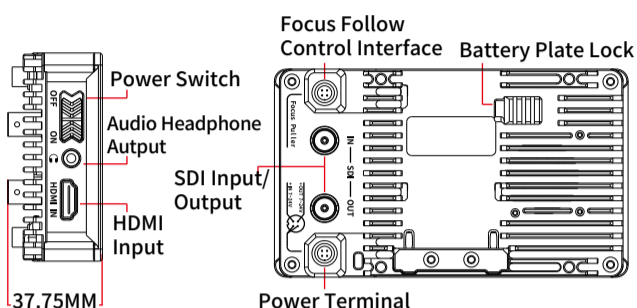
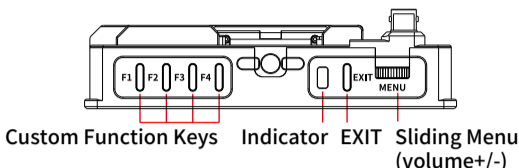
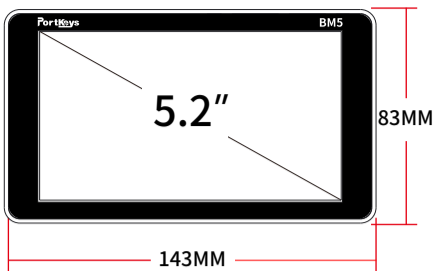
Servlce Hotline:0755-89349931

Email:sales@pkscorp.com

website:www.portkeys.shop

BM5 User Manual

Product Appearance Size



⚠ Operating temperature range: 0 °C ~ 40 °C

Standard Accessories

- BM5 Monitor X1
- Camera Control Cable X1
- Warm Prompt Card X1
- Safety Box X1
- Power Cord (Aviation Head - D-TAP) X1
- Power Cord (Aviation Head - DC) X1
- U Disk (Manual, 3D LUTs, Firmware Inside) X1

Parameter

Size	5.2"
Dimension	142x83x37.75mm
Viewing Angle	178°H/178°V
Brightness(nit)	2200
Resolution	1920x1080
Contrast Ratio	1000:1
Weight	350g
Color	8bit
Backlight	WLED
Material	Aluminum Alloy + Toughened Glass
Input Voltage	DC 7~24V
Power Consumption	9.5~16W
Signal Input	3G SDI, HDMI
Signal Output	3G SDI
Headphone	Output
Menu Language	简体中文/English
Power Input / Output	4pin Aviation Connector
Signal Conversion	HDMI IN to SDI OUT
Camera Control Interface	Focus Puller / CAMERA REMOTE
Support Battery Model	SONY NP-F970/F960/F750/F550
Upgrade Firmware / Load LUT	USB-A
Fan	Yes

Supported input resolution and frame rate

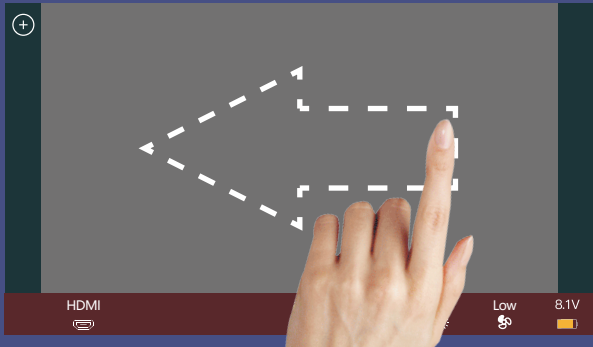
HDMI Signal

- 1920×1080p@23.97Hz,24Hz,25Hz,29.97Hz,30Hz,50Hz,59.94Hz,60Hz
- 1920×1080psf@23.97Hz,24Hz,25Hz,29.97Hz,30Hz
- 1920×1080i@50Hz,59.94Hz,60Hz
- 1280×720p@50Hz,59.94Hz,60Hz
- 720×576p&720×576i@50Hz
- 720×480p&720×480i@50Hz,59.94Hz,60Hz

Supported input/output resolution and frame rate

SDI Signal

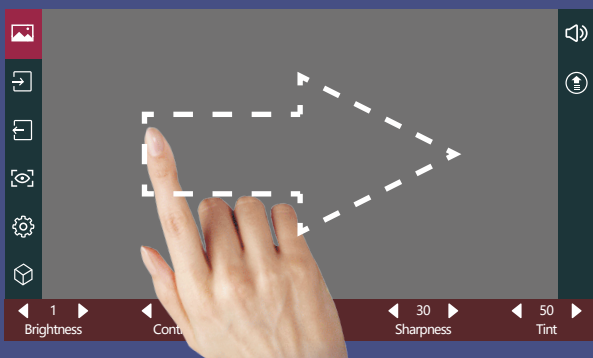
- 1920×1080p@50fps,59.94fps,60fps
- 1920×1080p@50Hz,59.94Hz,60Hz YUV422
- 1920×1080p@23.98Hz,24Hz,25Hz,29.94Hz,30Hz YUV444/YUV422/RGB444
- 1920×1080psf@23.98Hz,24Hz,25Hz,29.97Hz,30Hz YUV444/YUV422/RGB444
- 1920×1080i@50Hz,59.94Hz,60Hz YUV444/YUV422/RGB444
- 1280×720p@50Hz,59.94Hz,60Hz YUV444/YUV422/RGB444
- 720×480i@59.94Hz YUV422
- 720×576i@50Hz YUV422



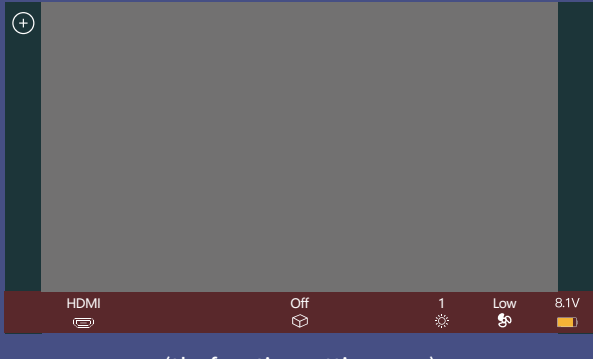
[System settings page switch]
 Swipe left on any page to adjust to the system settings page;



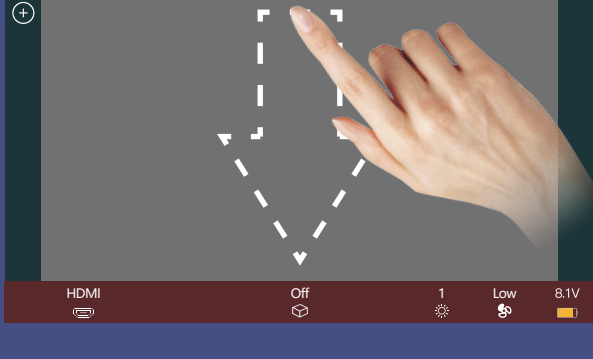
(the system settings page)



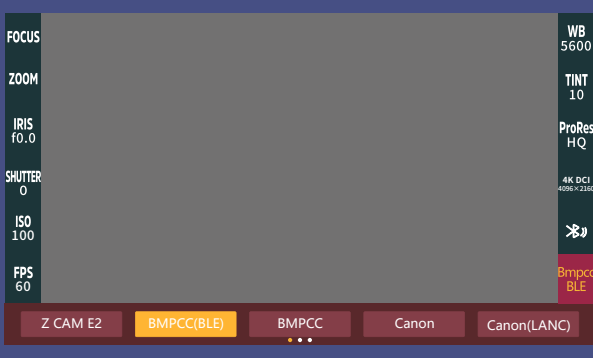
[Function settings page switch]
 Swipe right on any page to adjust to the function setting page;



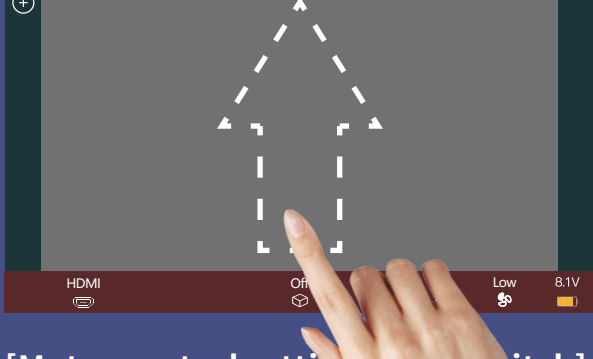
(the function setting page)



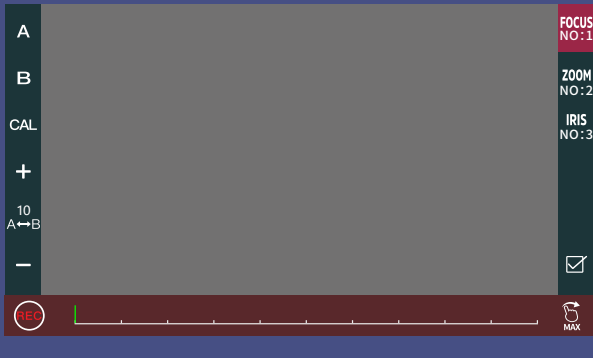
[Camera control settings page switch]
 Swipe down on any page can be adjusted to the camera control settings page;



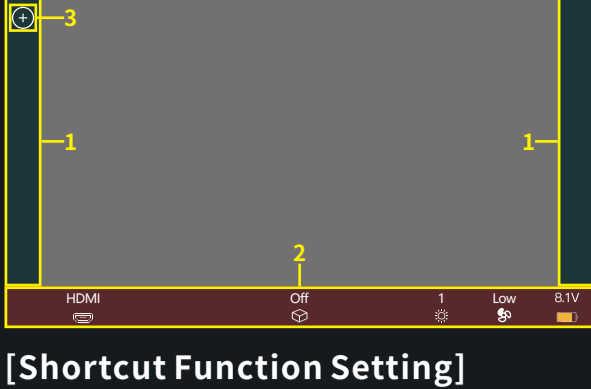
(the camera control settings page)



[Motor control settings page switch]
 Swipe up on any page can be adjusted to the motor control settings page;

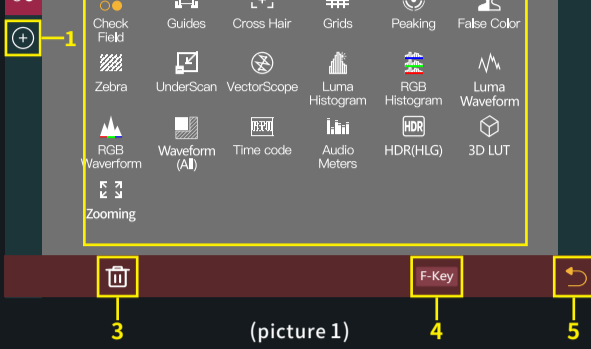


(the motor control settings page)

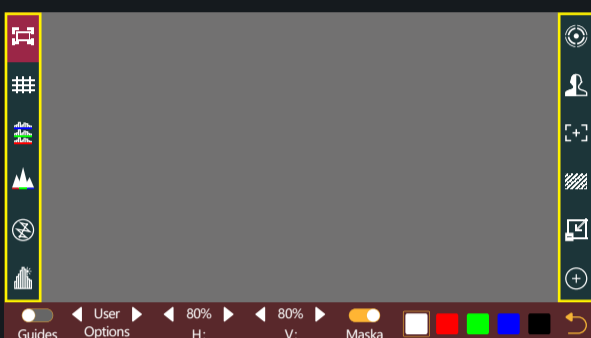


[Shortcut Function Setting]

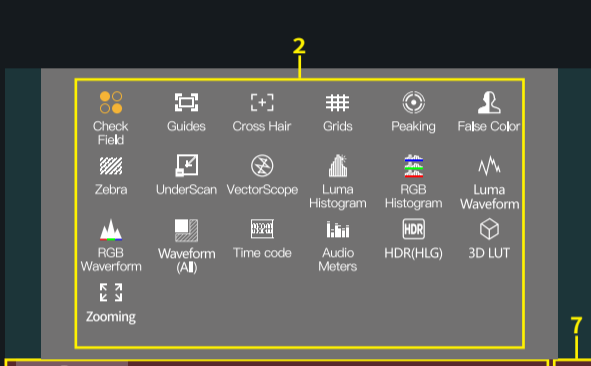
1. Shortcut function title area;
2. Parameter information setting area;
3. “+” Add function icon;



1. Click “+” add shortcut functions to the left and right sides; If the function icons on the left and right have been added (picture 2); can swipe down in the shortcut function title area to continue adding;
2. Select the function icon to replace;
3. Select the function icon and click “🗑️” to delete;
4. Click “ F-Key ” to enter F key Setting (picture3);
5. “↩️” Return key;

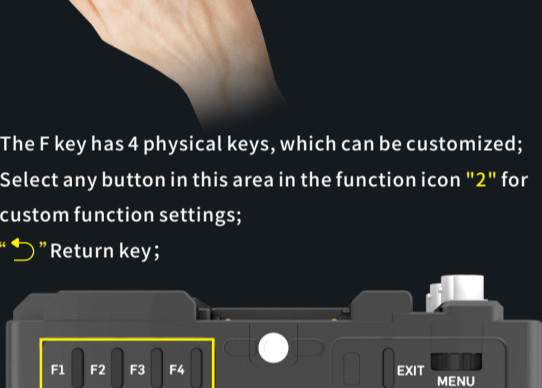


(picture 2)



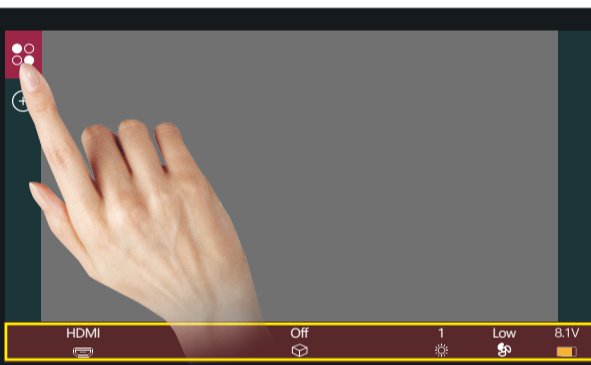
(picture3)

6. The F key has 4 physical keys, which can be customized; Select any button in this area in the function icon “2” for custom function settings;
7. “↩️” Return key;



(picture 4)

8. F key setting is completed, F1-F4 button on the monitor to turn on/off the function. (picture 4);



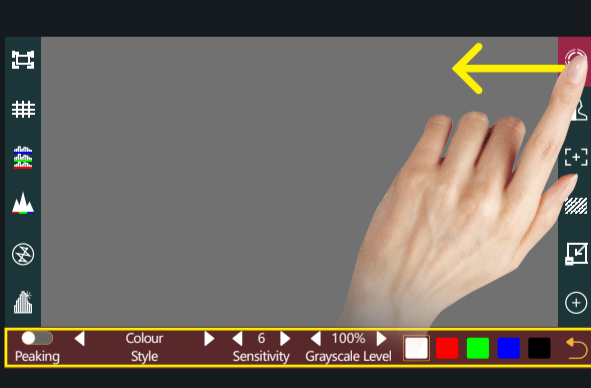
(Picture 5)

- Click “🔍”, The parameter information setting is displayed at the bottom (Picture 5);



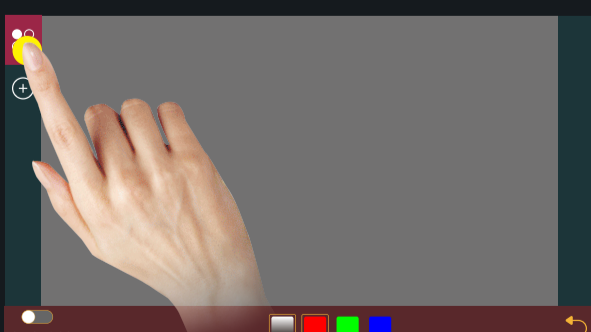
(Picture 6)

- Hold “🔍” and slide to the right, The bottom will jump to the function parameter settings; For other functions, user can repeat the above operations or directly click to set parameters (Picture 6);

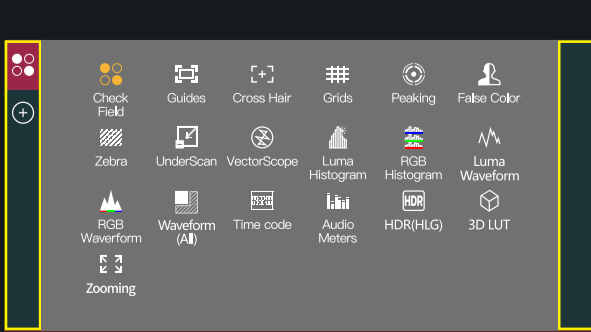


(Picture7)

- Hold “🎯” and slide to the left, The bottom will jump to the function parameter settings; For other functions, you can repeat the above operations or directly click to set parameters (Picture 7);




- If this feature is not required, Long press “🔍” to jump to (picture 8) for function replacement/deletion;




(Picture 8)


[Image Settings]

1. Click “” ;
2. Parameter setting information;
3. Parameter setting information(Next page) ;
4. Display the number of the page of Image parameter setting;
Swipe left and right in the bottom information area to switch pages;


[System Setting]

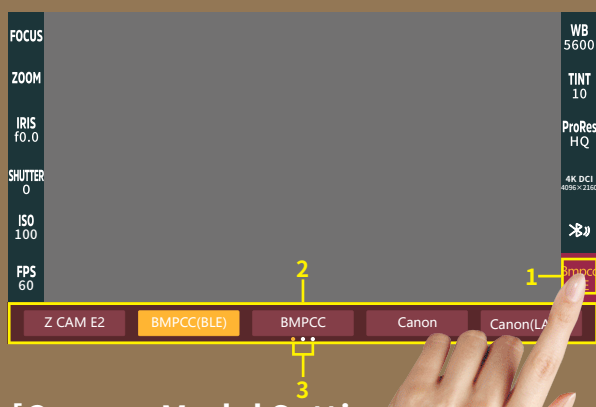
1. Click “” ;
2. System parameter setting information;

[LUT Setting]

1. Click “” ;
2. LUT setting information;

[Version Setting]

1. Click “” ;
2. View version information and upgrades;



[Camera Model Settings]

1. Click "Bmpcc BLE";
2. Camera model options: Z CAM E2、BMPCC4K(BLE)、BMPCC、Canon、Canon (LANC)、Sony(MUTI)、Sony(LANC)、Sony(FW50)、Sony(FZ100)、Panasonic、Panasonic(USB); Currently selected "BMPCC4K(BLE)";
3. Display the number of the page of camera brands ,Swipe left and right in the bottom information area to switch pages;

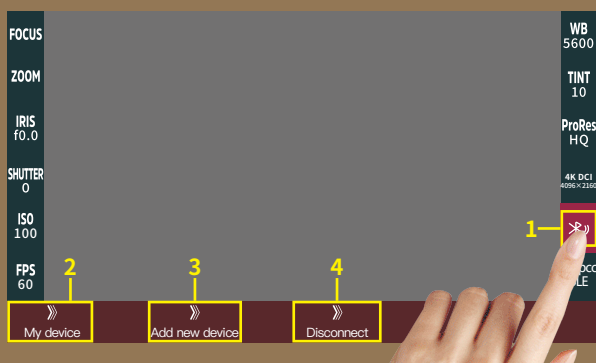
Note: To control the Sony A7S III camera, You must turn off the camera "USB power supply" function, Otherwise you can't control the camera.

USB power supply the operation is as follows:

MENU → (Setup) → [USB] → [USB Power Supply] → [OFF]

USB connection the operation is as follows:

MENU → (Setup) → [USB Connection] → [PC Remote]

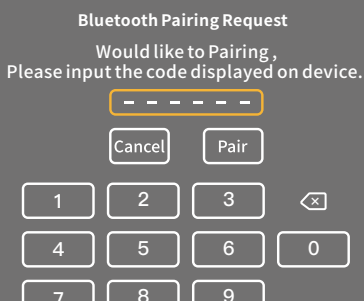


[Bluetooth Connection]

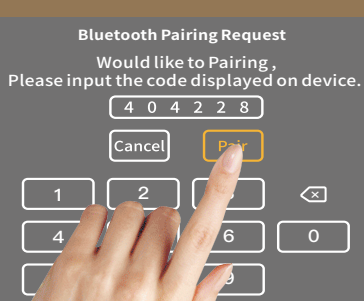
1. Click "Bluetooth";
2. Select "My device", Make bluetooth connection(Successfully connected bluetooth record);
3. Select "Add new device",turn on the BMPCC4K/6K Bluetooth function and record the passcode (picture 1),enter the passcode on the monitor(Picture 2 and 3), click "Pair", After successful connection,The Bluetooth icon will be displayed yellow "Bluetooth";
4. Select "Bluetooth" to disconnect the Bluetooth connection;



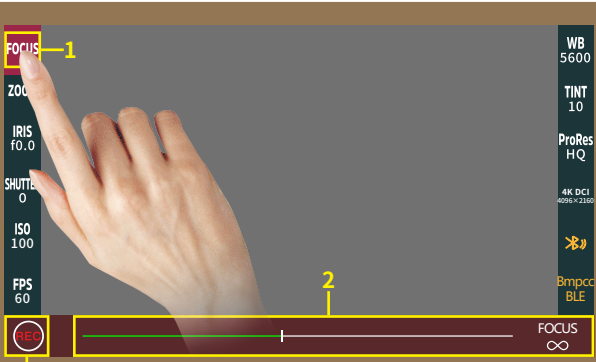
(picture 1)



(picture 2)

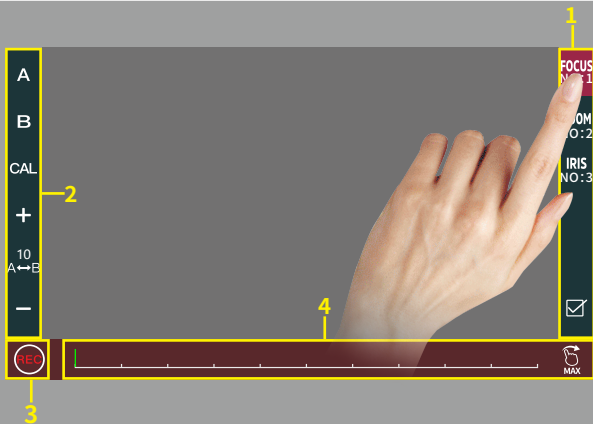


(picture 3)



[FOCUS Setting]

1. Click "FOCUS";
2. Adjust the parameter on the progress bar;
3. Record;



[Motor Setting]

1. Click to select channel options “ FOCUS NO:1 ”;
2. Select the channel option to set the channel parameters;
3. Record;
4. Adjust the motor stroke;